

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **AN EFFICIENT SYSTEM AND METHOD OF NODE AND LINK INSERTION FOR DEADLOCK-FREE ROUTING ON ARBITRARY TOPOLOGIES**

the specification of which (check one):

☒ [X] is attached hereto. ☐ [] was filed _____ as Application No. _____
amended on _____ (if applicable).

☐ [] was filed as PCT International Application No. _____ on _____,
and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim foreign priority benefits under Title 35, USC §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| <u>Prior Foreign Application(s)</u> | <u>Date Filed</u> | <u>Priority Claimed</u> |
|-------------------------------------|---------------------------|--|
| _____ (Number) (Country) | _____ (Day/Month/Year) | <input type="checkbox"/> [] Yes No |
| _____ (Number) (Country) | _____ (Day/Month/Year) | <input type="checkbox"/> [] Yes No |

I hereby claim the benefit under Title 35, USC §119(e) of any United States provisional application(s) listed below:

| | |
|-------------------------------|------------------------|
| _____ (Application Number) | _____ (Filing Date) |
| _____ (Application Number) | _____ (Filing Date) |
| _____ (Application Number) | _____ (Filing Date) |

Express Mail Number

EL7517800 83 US

Attorney
Docket No.: P6270

I hereby claim the benefit under Title 35 USC §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application No.) | (Filing Date) | (Patented/pending/abandoned) |
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business connected therewith in the Patent and Trademark Office, and to file with the USRO any International Application based thereon.

Stanley M. Schurgin, Reg. No. 20,979
Charles L. Gagnebin III, Reg. No. 25,467
Paul J. Hayes, Reg. No. 28,307
Victor B. Lebovici, Reg. No. 30,864

Eugene A. Feher, Reg. No. 33,171
Beverly E. Hjorth, Reg. No. 32,033
Holliday C. Heine, Reg. No. 34,346
Gordon R. Moriarty, Reg. No. 38,973
James F. Thompson, Reg. No. 36,699

Of SUN MICROSYSTEMS, INC.

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Timothy J. Crean, Reg. No. 37,116
Alexander E. Silverman, Reg. No. 37,940
Anirma R. Gupta, Reg. No. 38,275
Sean P. Lewis, Reg. No. 42,798
Michael J. Schallop, Reg. No. 44,319
Noreen A. Krall, Reg. No. 39,734
Bernice B. Chen, Reg. No. 42,403
Richard J. Lutton, Jr. Reg. No. 39,756
Marc D. Foodman, Reg. No. 34,110

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Ramin Aghevli, Reg. No. 43,462
Andrew C. Chen, Reg. No. 43,544
Jeffery L. Myers, Reg. No. 44,252

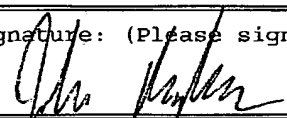
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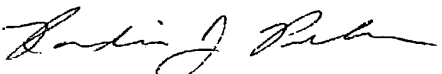

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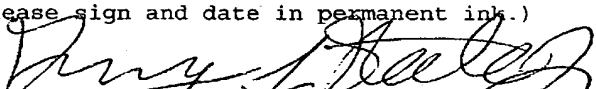
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Attorney

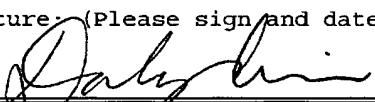
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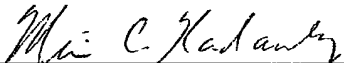
| | | |
|--|-----------------------------------|--|
| Full Name of First Inventor: John V. Reynders | | |
| City of Residence Newton | State or Country Massachusetts | Country of Citizenship US |
| Post Office Address 49 Adams Avenue | City Newton | State or Country Zip Code Massachusetts 02465 |
| Signature: (Please sign and date in permanent ink.)  | | Date signed: 10/13/2001 |

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| Full Name of Second Joint Inventor: Radia J. Perlman  RADIA J PERLMAN | | |
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| Signature: (Please sign and date in permanent ink.)  | | Date signed: 9/28/2001 |

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| Full Name of Third Joint Inventor: Guy L. Steele, Jr. | | |
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| Post Office Address 9 Lantern Lane | City Lexington | State or Country Zip Code Massachusetts 02421 |
| Signature: (Please sign and date in permanent ink.)  | | Date signed: 10/11/2001 |

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| Full Name of Fourth Joint Inventor: Dah Ming Chiu | | |
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| Signature: (Please sign and date in permanent ink.)  | | Date signed: 9/27/2001 |

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| Full Name of Fifth Joint Inventor: Miriam C. Kadansky | | |
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| City of Residence Troy | State or Country New York | Country of Citizenship Turkey |
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| Signature: (Please sign and date in permanent ink.) | | Date signed: |

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| Full Name of First Inventor: John V. Reynders | | |
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| Signature: (Please sign and date in permanent ink.) | | Date signed: |

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| Full Name of Second Joint Inventor: Radia J. Perlman | | |
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| Signature: (Please sign and date in permanent ink.) | | Date signed: |

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| City of Residence Lexington | State or Country Massachusetts | Country of Citizenship US |
| Post Office Address 9 Lantern Lane | City Lexington | State or Country Zip Code Massachusetts 02421 |
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| Signature: (Please sign and date in permanent ink.) | | Date signed: |

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| Full Name of Fifth Joint Inventor: Miriam C. Kadansky | | |
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| Post Office Address 165 Westview Drive | City Westford | State or Country Zip Code Massachusetts 01886 |
| Signature: (Please sign and date in permanent ink.) | | Date signed: |

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|---|------------------------------|---|
| Full Name of Sixth Joint Inventor: Murat Yuksel | | |
| City of Residence Troy | State or Country New York | Country of Citizenship Turkey |
| Post Office Address 54 Cottage Street #2A | City Troy | State or Country Zip Code New York 12180 |
| Signature: (Please sign and date in permanent ink.) <i>C. Murat Yuksel</i> | | Date signed: 10-07-2001 |